

## Listener Control

```
dbaascli listener bounce --dbname VNADB
```

```
dbaascli listener stop --dbname VNADB
```

```
dbaascli listener start --dbname VNADB
```

```
dbaascli listener status --dbname VNADB
```

## Backup and Recovery

List backups

```
dbaascli orec --args -list --dbname VNADB
```

Restore from Tag

```
dbaascli orec --args -pitr  
TAG20180625T000036 --dbname VNADB
```

Restore from SCN

```
dbaascli orec --args -scn 145321 --dbname  
VNADB
```

## TDE

```
dbaascli tde status --dbname VNADB
```

```
dbaascli tde rotate masterkey --dbname  
VNADB
```

## Backup APIs

Located in /var/opt/oracle/bkup\_api/

```
bkup_api bkup_start --dbname=VNADB
```

Keep forever backup

```
bkup_api bkup_start --keep  
--tag=mybackuptag --dbname=VNADB
```

Status

```
bkup_api bkup_status --dbname=VNADB
```

Modify

```
bkup_api bkup_chgcfg --retention=30  
--cycle=7 --dbname=VNADB
```

Recover

```
bkup_api recover_start --latest  
--dbname=VNADB
```

```
bkup_api recover_start --scn SCN#  
--dbname=VNADB
```

```
bkup_api recover_start -b TAGXXXXXXXXXX  
--dbname=VNADB
```

```
bkup_api recover_start -t '31-JAN-2018  
14:50:07' --dbname=VNADB
```

```
bkup_api recover_start -t '31-JAN-2018  
14:50:07 --nonutc' --dbname=VNADB
```

```
bkup_api recover_status --dbname=VNADB
```

## Grid Disk Details

```
exacli> list griddisk detail
```

## List all Databases/pdbs

```
exacli> list database
```

```
exacli> list database DATABASE_NAME DETAIL
```

```
exacli> list pluggabledatabase
```

Viscosity has authored 20+ technical books,  
including the [Oracle Exadata Expert's Handbook](#)

Learn more about how you can maintain and maximize  
your investments at [www.viscosityna.com](http://www.viscosityna.com),  
or email us at [hello@viscosityna.com](mailto:hello@viscosityna.com).



Follow Us:



# Exadata Command Cheat Sheet

Includes Latest 18c Commands

**Nitin Vengurlekar**

CTO and Co-Founder, Viscosity North America  
Oracle ACE Director

**Brian Spendolini**

Exadata Cloud Services Product Manager, Oracle



**VISCOSITY**  
NORTH AMERICA

Data & Cloud Architects. Genuine Experts.

[www.viscosityna.com](http://www.viscosityna.com)

**ORACLE** Platinum  
Partner

## Exadata Command Sets

All commands reference a ¼ rack Exadata. All commands will be executed as root user.

All executables are located in

`/var/opt/oracle` directory

Database referenced name is VNADB

[exadbcpatchsm](#) - frontend patching tool for Exadata cloud

### Check for latest Tooling update

```
exadbcpatchsm -list_tools
```

```
$VAR1 = {
```

```
  'last_async_precheck_txn_id' => ' ',
  'last_async_apply_txn_id' => ' ',
  'errmsg' => '',
  'err' => '',
  'current_version' => '180104',
  'last_async_precheck_patch_id' => ' ',
  'current_patch' => '180104',
  'last_async_apply_patch_id' => ' ',
  'patches' => [
    {
      'patchid' =>
        '17.4.1.2.0BM_180223',
      'last_precheck_txnid' =>
        '',
      'description' =>
        'DBaaSTools for ECS OCI'
    }
  ]
};
```

### Tooling update

```
exadbcpatchsm -toolsinst_async
```

```
'17.4.1.2.0BM_180223'
```

### Check job status

```
exadbcpatchsm -get_status <start
```

```
txn>xxx<end txn>
```

[exadbcpatchmulti](#) - frontend tool for Oracle Grid Infrastructure or Database patching

### List Patches

```
exadbcpatchmulti -list_patches \  
-oh=exa-cs1:/u02/app/oracle/product/12.2.0/  
dbhome_2 \  
-oh=exa-cs2:/u02/app/oracle/product/12.2.0/  
dbhome_2
```

### Pre-check patch apply GI

```
exadbcpatchmulti -precheck_async 26737266-  
GI -sshkey=/home/opc/.ssh/id_rsa  
-instance1=exa-cs1:/u01/app/12.2.0.1/grid  
-instance2=exa-cs2:/u01/app/12.2.0.1/grid
```

```
exadbcpatchmulti --precheck_async GI  
26737266-GI -sshkey=/home/opc/.ssh/id_rsa  
-dbname=VNADB
```

### Apply GI Patches

```
exadbcpatchmulti -apply_sync 26737266-GI  
-sshkey=/home/opc/.ssh/id_rsa  
-instance1=exa-cs1:/u01/app/12.2.0.1/grid  
-instance2= exa-cs2:/u01/app/12.2.0.1/grid
```

### Precheck Patch Apply DB

```
exadbcpatchmulti -precheck_async 26635694  
-sshkey=/home/opc/.ssh/id_rsa  
-instance1=exa-cs1:/u02/app/oracle/  
product/11.2.0/dbhome_3 -instance2=exa-  
cs2:/u02/app/oracle/product/11.2.0/dbhome_3
```

### Rollback Patches

```
exadbcpatchmulti -rollback_async 26635694  
-sshkey=/home/opc/.ssh/id_rsa  
-instance1=exa-cs1:/u02/app/oracle/  
product/11.2.0/dbhome_3  
-instance2=exa-cs2:/u02/app/oracle/  
product/11.2.0/dbhome_3 -dbname=VNADB -run-  
datasql=1
```

### List Patches

```
$ $ORACLE_HOME/OPatch/opatch lspatches
```

[dbaasapi](#) - (`/var/opt/oracle/dbaasapi/`) utility to create and delete Exadata databases. Operates like a REST API. It reads a JSON request body and produces a JSON response body in an output file

### Create Exadata database

```
dbaasapi -i createdb_EBS11204.json
```

With JSON file as follows:

```
{  
  "object": "db",  
  "action": "start",  
  "operation": "createdb",  
  "params": {  
    "nodelist": "",  
    "dbname": "VNACDB",
```

```
    "edition": "EE_EP",  
    "version": "18.0.0.0",  
    "adminPassword": "password",  
    "sid": "VNACDB",  
    "pdbName": "XYZPDB",  
    "charset": "AL32UTF8",  
    "ncharset": "AL16UTF16",  
    "backupDestination": "NONE"  
  },  
  "outputfile": "/home/oracle/create_db/  
createdb.out",  
  "FLAGS": ""  
}
```

### Delete Exadata database

```
dbaasapi -i delete-db_EBS11204.json  
{  
  "object": "db",  
  "action": "start",  
  "operation": "deletedb",  
  "params": {  
    "dbname": "VNADB"  
  },  
  "outputfile": "/home/oracle/dbassinput/  
delete-db_EBS11204_3.out",  
  "FLAGS": ""  
}
```

### Database Inventory Info

```
dbaascli dbhome info
```

With output:

```
1.HOME_NAME=OraHome1  
HOME_LOC=/u02/app/oracle/product/12.2.0/  
dbhome_2  
PATCH_LEVEL=122010_0  
DBs installed= OCITEST  
  
2.HOME_NAME=OraHome100_11204_dbpe161018_0  
HOME_LOC=/u02/app/oracle/product/11.2.0/  
dbhome_3  
PATCH_LEVEL=11204_dbpe161018  
DBs installed= VNADB
```

```
dbaascli dbhome purge
```

Moves database from one Oracle Home to another existing Oracle home.

```
dbaascli database move --dbname VNADB  
--ohome /u02/app/oracle/product/12.2.0/  
dbhome_2
```